



A Test Lab Techno Corp.

No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)
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Measurement Report



Report No. :	0701FR14
Applicant :	AIRUS TECHNOLOGY CO., LTD
Manufacturer Name :	AIRUS TECHNOLOGY CO., LTD
Product Model :	VAH200 / CNP-VTW1 / BT-SKY801 / ET-UP710
Product Type :	BLUETOOTH SKYPE PHONE
FCC ID :	UYGVAH200
Dates of Test :	December 05, 2006 ~December 25,2006
Test Specification :	Part 15 Subpart B & C (15.247)
Location of Test Lab. :	Changan

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
3. The measurement report has to be written approval of A Test Lab Techno Corp. It may only be reproduced or published in full.


Country Huang 20070116
Measurement Center Manager


John Cheng 20070116
Testing Engineer




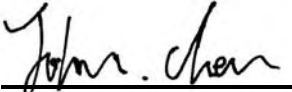
CERTIFICATION

We here by verify that:

The test data, data evaluation, test procedures and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4:2001. All test were conducted by *A Test Lab Techno Corp. No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)* Also, we attest to the accuracy of each.

We further submit that the energy emitted by the sample EUT tested as described in the report is in compliance with Class B radiated and conducted emission limit of FCC Rules Part 15 Subpart B & C (15.247).

EUT : BLUETOOTH SKYPE PHONE
Applicant : AIRUS TECHNOLOGY CO., LTD
B1-C, No.205, Sec, Beisin Rd., Sindian City,
Taipei County 231 Taiwan
Manufacturer : AIRUS TECHNOLOGY CO., LTD
B1-C, No.205, Sec, Beisin Rd., Sindian City,
Taipei County 231 Taiwan
Model No : VAH200 / CNP-VTW1 / BT-SKY801 / ET-UP710
FCC ID : UYGVAH200

Approved by : 
Country Huang
Prepared by : 
John Cheng

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1. GENERAL

1.1 Description of Equipment under Test (EUT)

Applicant :

AIRUS TECHNOLOGY CO.,LTD

B1-C,No.205, Sec,Beisin Rd.,Sindian City, Taipei County 231 Taiwan

Manufacturer Name : AIRUS TECHNOLOGY CO., LTD
Product Model : VAH200 / CNP-VTW1 / BT-SKY801 / ET-UP710
Product Type : BLUETOOTH SKYPE PHONE
FCC ID : UYGVAH200
Battery Type : Powered by Bettery (3.7V Li-ion Battery Pack)
Frequency of Channel : See Table 1
Type of Modulation : Frequency Hopping Spread Spectrum
Type of Antenna : Internal Antenna Type Antenna

During testing the EUT was operated at Tx or Rx mode for each emission measured. This was done in order to ensure that maximum emission levels were attained.

CH No.	Freq.	CH No.	Freq.	CH No.	Freq.	CH No.	Freq.
0	2402.00	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00
4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	78	2480.00
19	2421.00	39	2441.00	59	2461.00		

Table 1. Bluetooth Frequency of Each Channel (Working Frequency)



1.2 Introduction

The following measurement report is submitted on behalf of AIRUS TECHNOLOGY CO., LTD . In support of a Class B Digital Device certification in accordance with Part2 Subpart J and Part 15 Subpart A And B&C of the Commission's and Regulations.

1.3 Summary of Tests

47 CFR Part 15 Subpart C			
Reference	Test	Results	Note
15.107	AC Power Conducted Emission	PASS	
15.247(c)	Transmitter Radiated Emissions	PASS	
15.247(b)	Max. Output Power	PASS	
15.247(a)(1)	20dB RF Bandwidth	PASS	
15.247(a)(1)(ii)	Carrier Frequency Separation	PASS	
15.247(a)(1)(i)	Number of Hopping	PASS	
15.247(a)(1)(i)	Time of Occupancy (Dwell Time)	PASS	
15.247(c)	Out of Band Conducted Spurious Emission	PASS	
15.247(c)	Band Edge Measurement	PASS	
15.203	Antenna Requirement	PASS	
15.205	Restricted Bands of Operation	PASS	



1.4 Description of Support Equipment

<u>Computer</u>	: IBM
Model No.	: 16W
Serial No.	: BNL345M
FCC ID	: FCC DOC
<u>Keyboard</u>	: IBM
Model No.	: KB-9930
Serial No.	: 09N5395
FCC ID	: FCC DOC
<u>Monitor</u>	: IBM
Model No.	: 10L6145 030
Serial No.	: 23-092079
FCC ID	: FCC DOC
<u>Mouse</u>	: IBM
Model No.	: 0180-05N
Serial No.	: 23-96142
FCC ID	: EMJMUSJJ
<u>Printer</u>	: SII
Model No.	: DUP-414
Serial No.	: 730-029309-01
FCC ID	: FCC DOC

1.5 Configuration of System under Test

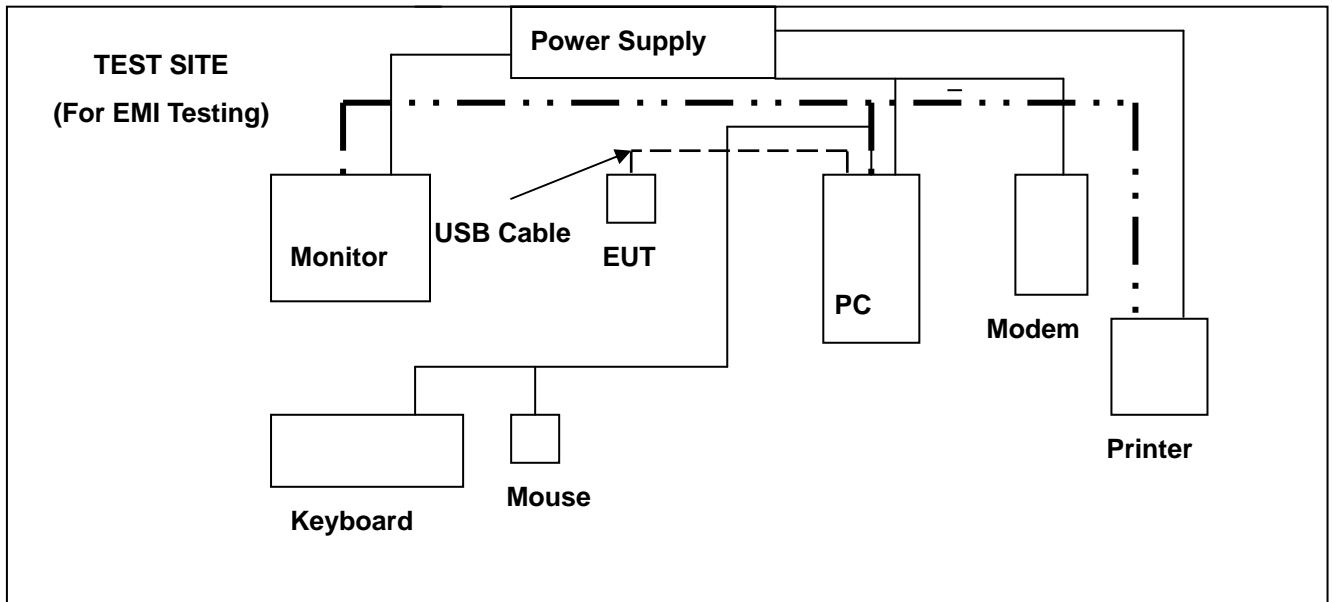


Figure 1. Configuration of System Under Test

During EMI testing (Charge Mode) the EUT(Skype Phone) 's USB port connected to the USB port of AE PC. A mouse was connected to the mouse port of IBM PC. and A keyboard was connected to the mouse port of IBM PC. And a printer was connected to the parallel port. A external modem connected the serial port and the external modem connected with two unterminated telephone cables on the line and phone jack.

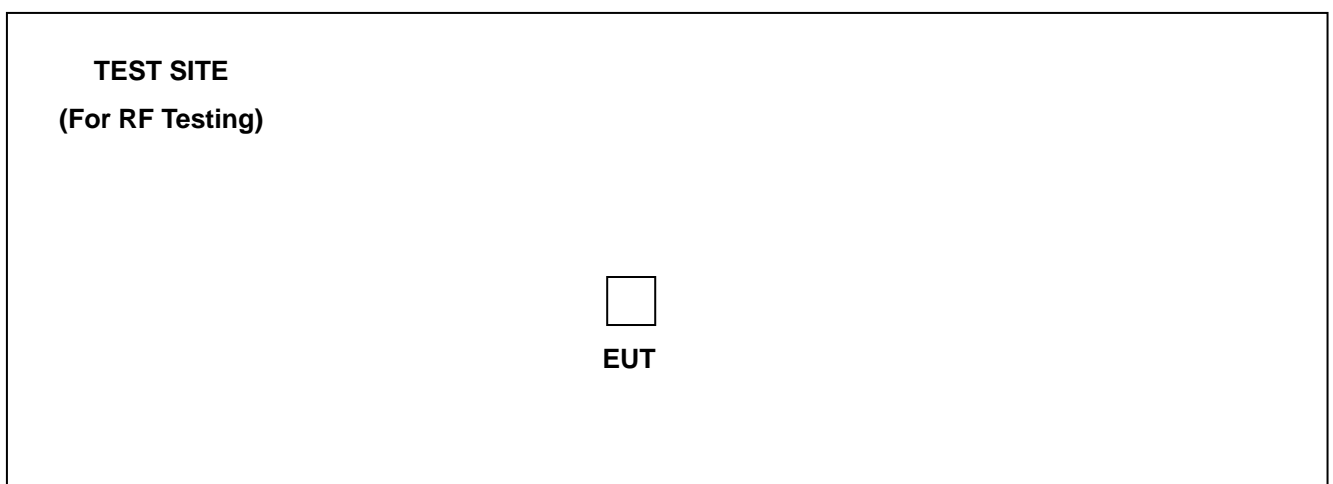


Figure 2. Configuration of System Under Test

During RF testing (LINK Mode) the EUT(Skype Phone) was put on the center of turn table.



1.6 Test Procedure

All measurements contained in this report were performed according to the techniques described in Measurement procedure ANSI C63.4-2001 "Measurement of un-Intentional Radiators."

1.7 General Test Condition

The conditions under which the EUT operates were varied to determine their effect on the equipment's emission characteristics. The final configuration of the test system and the mode of operation used during these tests was chosen as that which produced the highest emission levels. However, only those conditions which the EUT was considered likely to encounter in normal use were investigated. The system's radiated and conducted emissions were investigated while the computer alternately transferred data to the EUT as well as to the monitor and printer. Using a test program which sent a continuous data and transferred data to and from the EUT was proven to worst case emissions. The system's physical layout and cabling was randomly arranged to ensure that maximum emission levels were attained.



2. Conducted Emissions Requirements

2.1 General & Setup:

The power line conducted emission measurements were performed in a shielded enclosure. The EUT was assembled on a wooden table which is 80 centimeters high, was placed 40 centimeters from the back wall and at least 1 meter from the sidewall.

Power was fed to the EUT from the public utility power grid through a line filter and EMCO Model 3162/2 SH Line Impedance Stabilization Networks (LISN). The LISN housing, measuring instrumentation case, ground plane, etc., were electrically bonded together at the same RF potential. The Spectrum analyzer was connected to the AC line through an isolation transformer. The 50-ohm output of the LISN was connected to the spectrum analyzer directly. Conducted emission levels were in the CISPR quasi-peak detection mode. The analyzer's 6 dB bandwidth was set to 9 KHz. No post-detector video filter was used.

The spectrum was scanned from 150 KHz to 30 MHz. The physical arrangement of the test system and associated cabling was varied (within the scope of arrangements likely to be encountered in actual use) to determine the effect on the unit's emanations in amplitude and frequency. All spurious emission frequencies were observed. The highest emission amplitudes relative to the appropriate limit were measured and have been recorded in paragraph 2.6.

2.2 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Advantest	R3132	160300103	Mar. 24, 2006	Mar. 24, 2007
Test Receiver	AFJ	AFJ ER 55C	55090625309	Mar. 07, 2006	Mar. 07, 2007
LISN	EMCO	3816/2 SH	00060110	May. 03, 2006	May. 02, 2007
LISN	EMCO	3816/2 SH	00060110	May. 03, 2006	May. 02, 2007
Transient Limiter	ELECTRO-METRICS	EM-7600	777	Jun. 26, 2006	Jun. 26, 2007

2.3 Test Configuration:



Figure 3. Front View of the Test Configuration



Figure 4. Rear View of the Test Configuration



2.4 Test condition:

EUT tested in accordance with the specifications given by the Manufacturer, and exercised in the most unfavorable manner.

2.5 Conducted Emissions Limits:

Frequency range (MHz)	Limits (dBuV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5.0	56	46
5.0 to 30	60	50



2.6 Measurement Data Of Conducted Emissions:

2.6.1 Conducted Emissions (Subpart B)

The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : AIRUS TECHNOLOGY CO., LTD
Model No : VAH200
EUT : BLUETOOTH SKYPE PHONE
Test Mode : Charge Mode
Test Date : 12/12/2006

Please refer to next pager of detail testing data.

Notes:

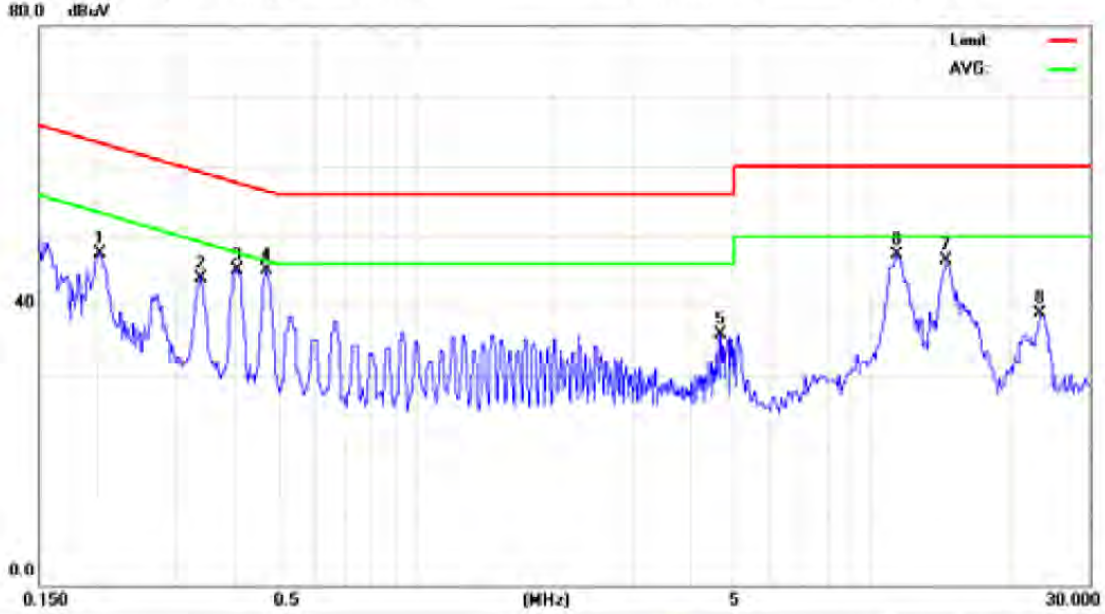
1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.



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Conducted Emission Measurement

File :SKYPE Phone(12-12-2006) Data :#15 Date: 2006/12/12 Time: 下午 04:39:08



Site site #1 Phase: **L1** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Skype Phone Distance:
 M/N: 手機
 Mode:
 Note: stand by

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2031	37.80	9.74	47.54	63.48	-15.94	peak	
2		0.3376	34.18	9.78	43.96	59.26	-15.30	peak	
3		0.4083	35.23	9.78	45.01	57.68	-12.67	peak	
4	*	0.4706	35.32	9.78	45.10	56.50	-11.40	peak	
5		4.6310	25.83	10.01	35.84	56.00	-20.16	peak	
6		11.3500	37.21	10.12	47.33	60.00	-12.67	peak	
7		14.5000	36.37	10.20	46.57	60.00	-13.43	peak	
8		23.2500	28.52	10.36	38.88	60.00	-21.12	peak	

*:Maximum data x:Over limit !:over margin

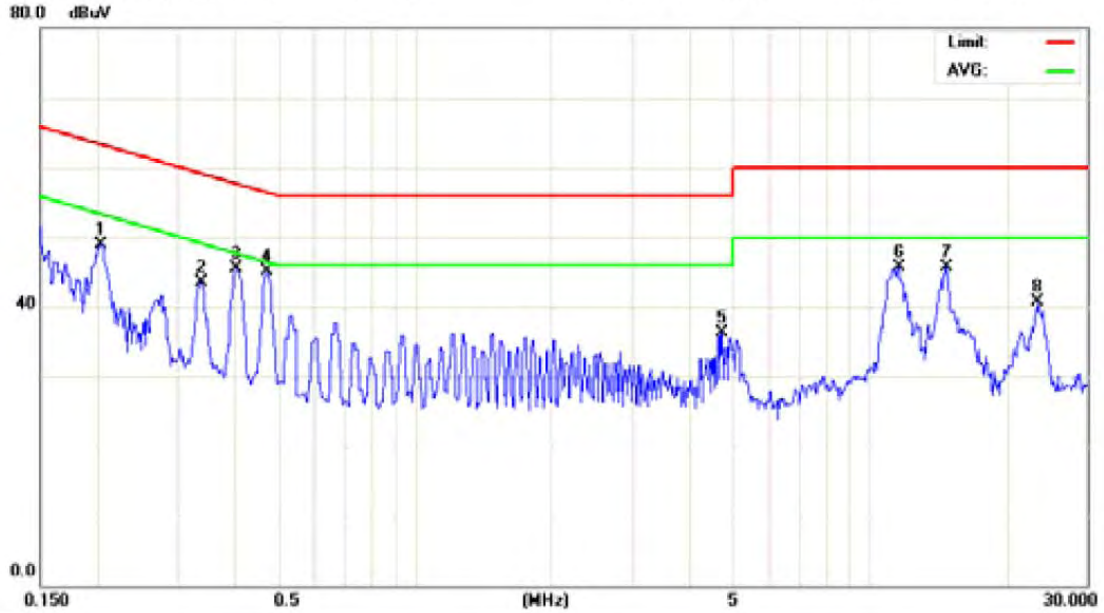
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Conducted Emission Measurement

File :SKYPE Phone(12-12-2006) Data :#16 Date: 2006/12/12 Time: 下午 04:41:04



Site site #1 Phase: **L2** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Skype Phone Distance:
 M/N: 手機
 Mode:
 Note: standby

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2031	39.15	9.74	48.89	63.48	-14.59	peak	
2		0.3376	33.80	9.78	43.58	59.26	-15.68	peak	
3		0.4027	35.77	9.78	45.55	57.80	-12.25	peak	
4	*	0.4713	35.30	9.78	45.08	56.49	-11.41	peak	
5		4.7030	26.24	10.01	36.25	56.00	-19.75	peak	
6		11.5000	35.56	10.12	45.68	60.00	-14.32	peak	
7		14.7000	35.54	10.20	45.74	60.00	-14.26	peak	
8		23.3500	30.35	10.36	40.71	60.00	-19.29	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :SKYPE Phone(12-12-2006)\Data :#16

Page: 1

Engineer Signature:



2.6.2 Conducted Emissions (Subpart B & C)

The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : AIRUS TECHNOLOGY CO., LTD
Model No : VAH200
EUT : BLUETOOTH SKYPE PHONE
Test Mode : CH00 2402.000 (Local Frequency:2402.000 MHz)
Test Date : 12/12/2006

Please refer to next pager of detail testing data.

Notes:

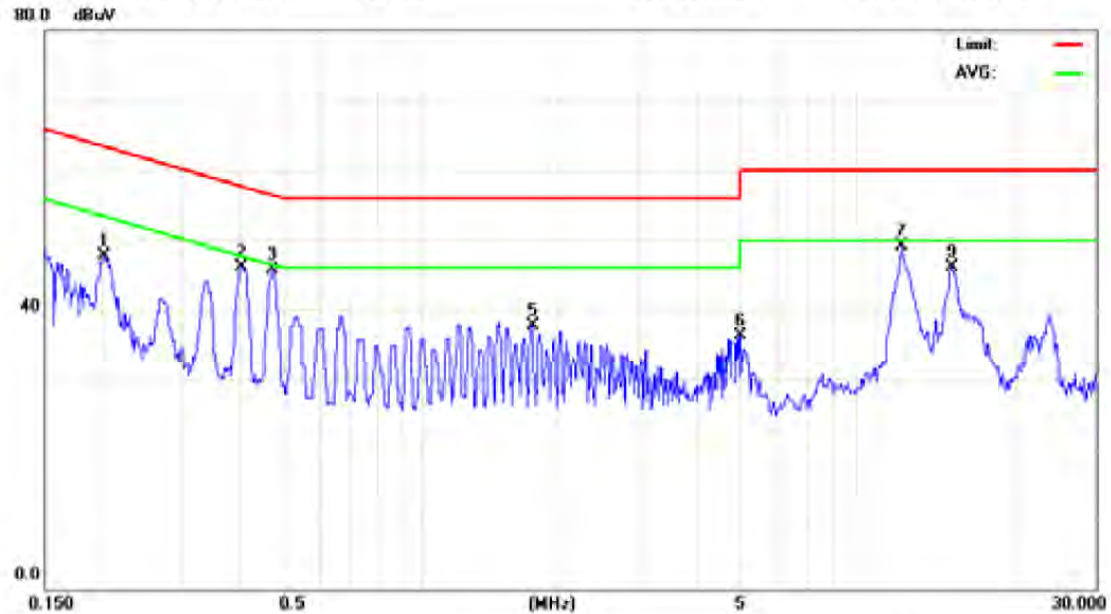
1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.



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Conducted Emission Measurement

File :SKYPE Phone(12-12-2006) Data :#9 Date: 2006/12/12 Time: 下午 04:07:48



Site site #1 Phase: **L1** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Skype Phone Distance:
 M/N: 手機
 Mode:
 Note: 2402

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2025	38.02	9.74	47.76	63.50	-15.74	peak	
2		0.4034	36.27	9.78	46.05	57.78	-11.73	peak	
3		0.4706	35.97	9.78	45.75	56.50	-10.75	peak	
4	*	0.4706	32.65	9.78	42.43	46.50	-4.07	AVG	
5		1.7510	27.85	9.82	37.67	56.00	-18.33	peak	
6		5.0000	26.25	10.08	36.33	56.00	-19.67	peak	
7		11.2500	38.90	10.11	49.01	60.00	-10.99	peak	
8		11.2500	33.77	10.11	43.88	50.00	-6.12	AVG	
9		14.4500	35.98	10.20	46.18	60.00	-13.82	peak	

*:Maximum data x:Over limit !:over margin

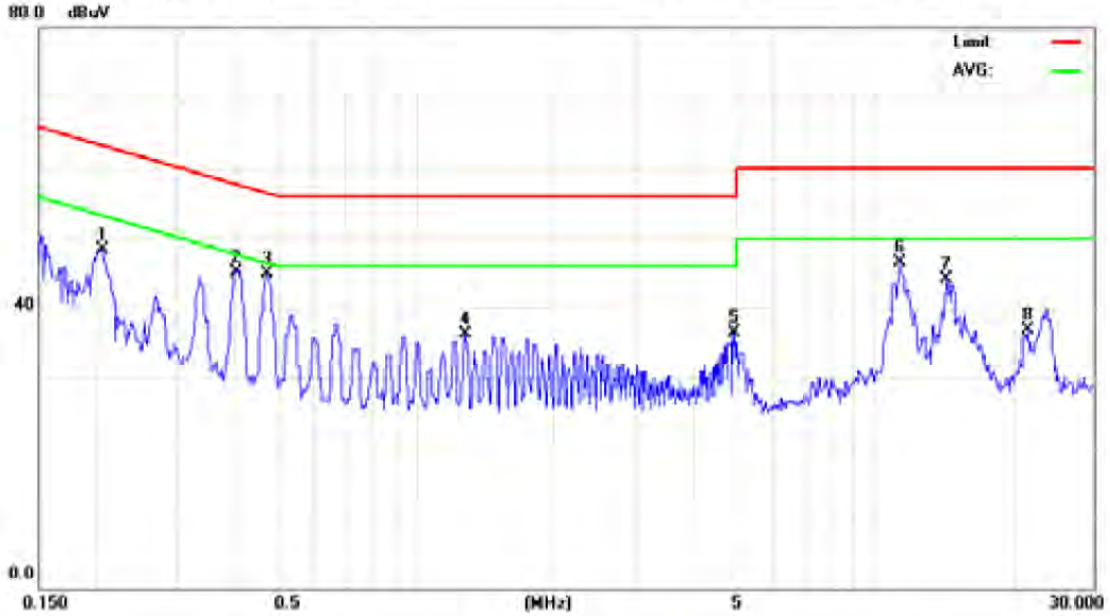
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Conducted Emission Measurement

File :SKYPE Phone(12-12-2006) Data :#10 Date: 2006/12/12 Time: 下午 04:29:10



Site site #1 Phase: **L2** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Skype Phone Distance:
 M/N: 手機
 Mode:
 Note: 2402

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2053	38.55	9.74	48.29	63.39	-15.10	peak	
2		0.4020	35.32	9.78	45.10	57.81	-12.71	peak	
3	*	0.4727	35.04	9.78	44.82	56.47	-11.65	peak	
4		1.2740	26.47	9.81	36.28	56.00	-19.72	peak	
5		4.9010	26.39	10.06	36.45	56.00	-19.55	peak	
6		11.3500	36.39	10.12	46.51	60.00	-13.49	peak	
7		14.3500	33.84	10.20	44.04	60.00	-15.96	peak	
8		21.5500	26.56	10.35	36.91	60.00	-23.09	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only



2.6.3 Conducted Emissions (Subpart B & C)

The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : AIRUS TECHNOLOGY CO., LTD
Model No : VAH200
EUT : BLUETOOTH SKYPE PHONE
Test Mode : CH39 2441.000 (Local Frequency:2441.000 MHz)
Test Date : 12/12/2006

Please refer to next pager of detail testing data.

Notes:

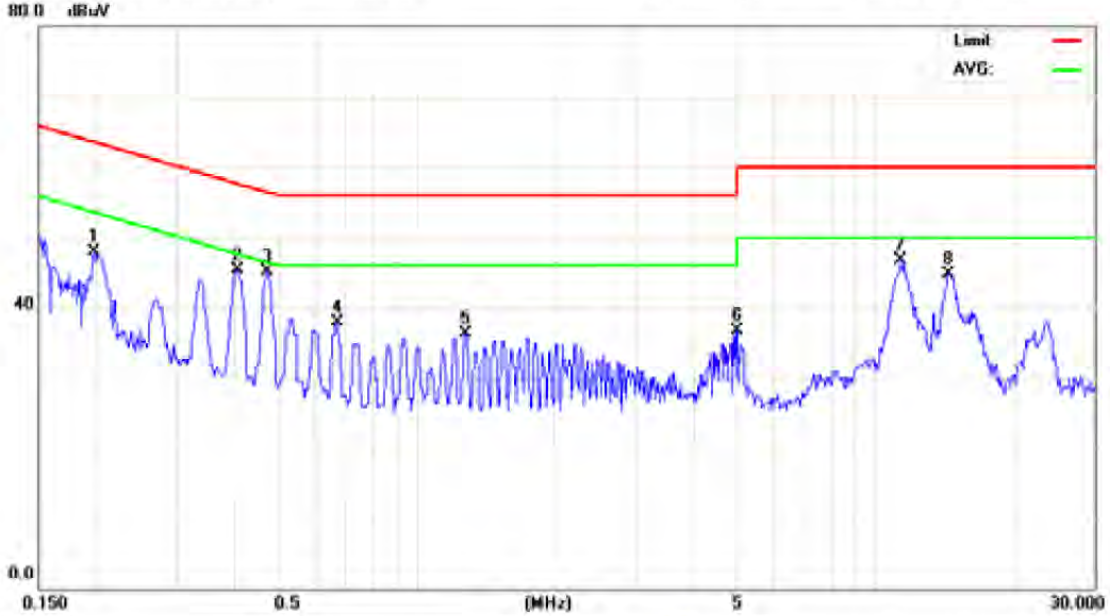
1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.



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Conducted Emission Measurement

File :SKYPE Phone(12-12-2006) Data :#11 Date: 2006/12/12 Time: 下午 04:31:01



Site site #1 Phase: **L1** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Skype Phone Distance:
 M/N: 手機
 Mode:
 Note: 2441

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1976	38.20	9.74	47.94	63.71	-15.77	peak	
2		0.4041	35.50	9.78	45.28	57.77	-12.49	peak	
3	*	0.4706	35.42	9.78	45.20	56.50	-11.30	peak	
4		0.6710	28.04	9.79	37.83	56.00	-18.17	peak	
5		1.2740	26.55	9.81	36.36	56.00	-19.64	peak	
6		5.0000	26.58	10.08	36.66	56.00	-19.34	peak	
7		11.3500	36.55	10.12	46.67	60.00	-13.33	peak	
8		14.4000	34.45	10.20	44.65	60.00	-15.35	peak	

*:Maximum data x:Over limit !:over margin

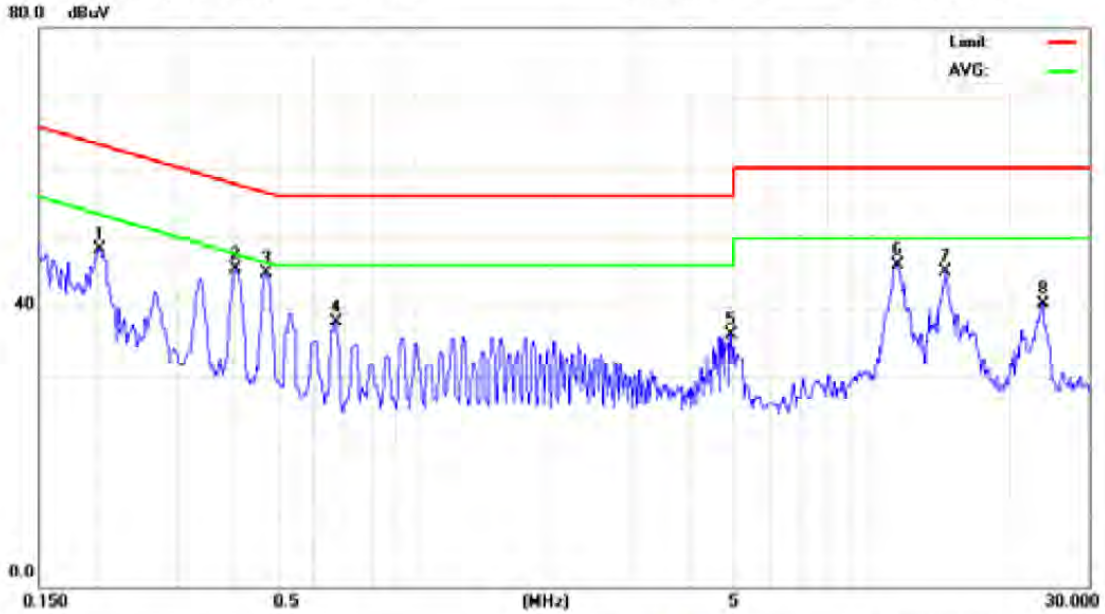
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Conducted Emission Measurement

File :SKYPE Phone(12-12-2006) Data :#12 Date: 2006/12/12 Time: 下午 04:32:55



Site site #1 Phase: **L2** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Skype Phone Distance:
 M/N: 手機
 Mode: 2441
 Note: 2441

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2031	38.59	9.74	48.33	63.48	-15.15	peak	
2		0.4027	35.69	9.78	45.47	57.80	-12.33	peak	
3	*	0.4727	35.20	9.78	44.98	56.47	-11.49	peak	
4		0.6710	28.09	9.79	37.88	56.00	-18.12	peak	
5		4.9010	26.08	10.06	36.14	56.00	-19.86	peak	
6		11.4000	35.95	10.12	46.07	60.00	-13.93	peak	
7		14.5000	34.97	10.20	45.17	60.00	-14.83	peak	
8		23.6500	30.22	10.33	40.55	60.00	-19.45	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only



2.6.4 Conducted Emissions (Subpart B & C)

The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : AIRUS TECHNOLOGY CO., LTD
Model No : VAH200
EUT : BLUETOOTH SKYPE PHONE
Test Mode : CH78 2480.000 (Local Frequency: 2480.000 MHz)
Test Date : 12/12/2006

Please refer to next pager of detail testing data.

Notes:

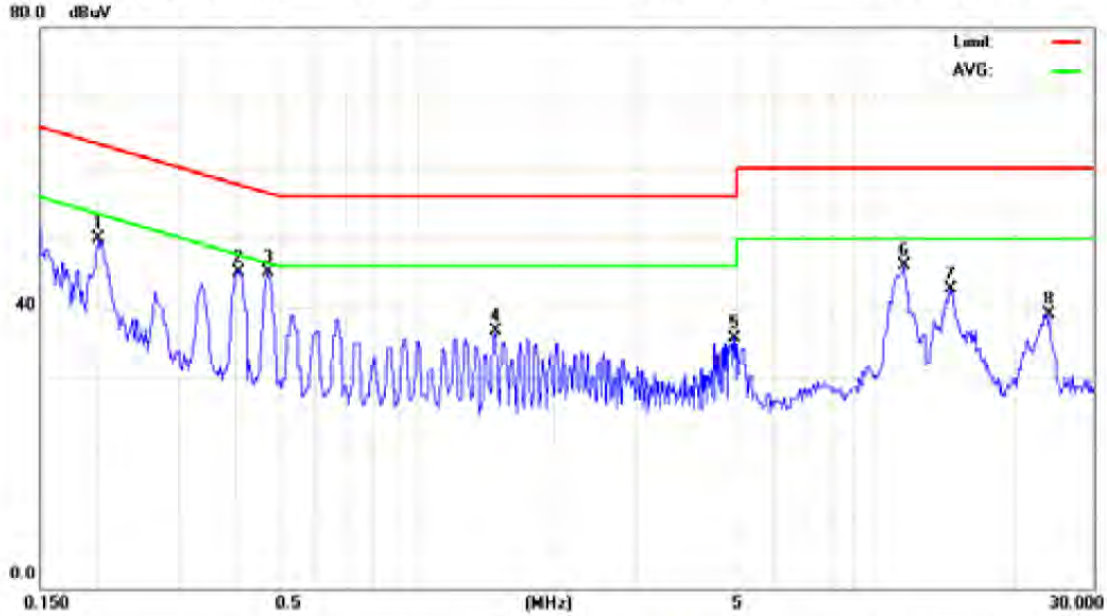
1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.



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Conducted Emission Measurement

File :SKYPE Phone(12-12-2006) Data :#13 Date: 2006/12/12 Time: 下午 04:35:05



Site site #1 Phase: **L1** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Skype Phone Distance:
 M/N: 手機
 Mode:
 Note: 2480

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2004	40.25	9.74	49.99	63.59	-13.60	peak	
2		0.4048	35.42	9.78	45.20	57.75	-12.55	peak	
3	*	0.4727	35.39	9.78	45.17	56.47	-11.30	peak	
4		1.4810	26.85	9.81	36.66	56.00	-19.34	peak	
5		4.9010	25.67	10.06	35.73	56.00	-20.27	peak	
6		11.5500	35.91	10.12	46.03	60.00	-13.97	peak	
7		14.6500	32.50	10.20	42.70	60.00	-17.30	peak	
8		23.9500	28.90	10.30	39.20	60.00	-20.80	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :SKYPE Phone(12-12-2006)Data :#13

Page: 1

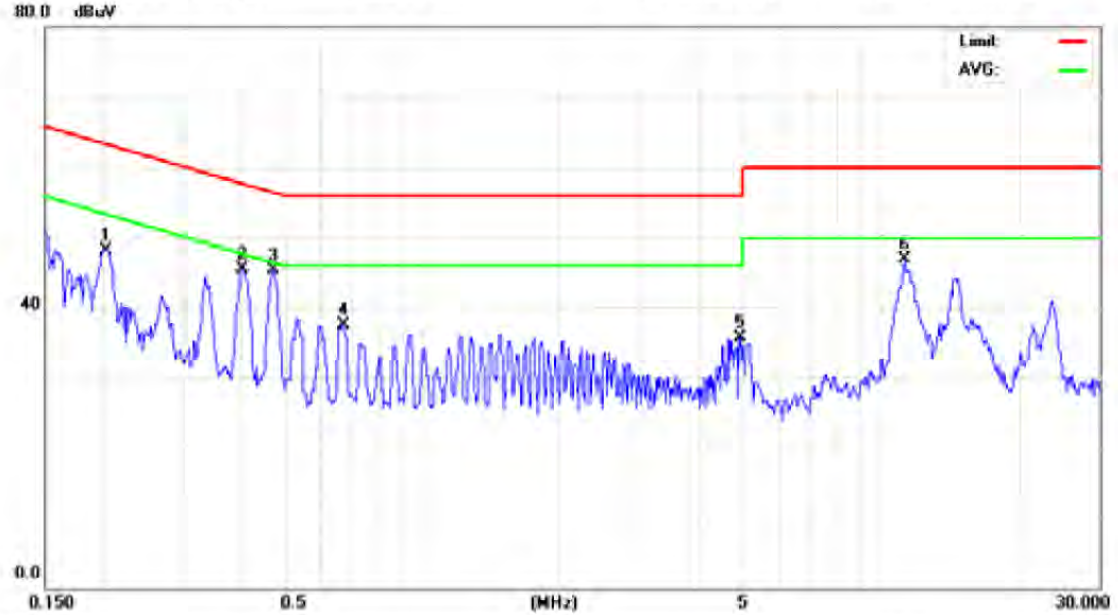
Engineer Signature:



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Conducted Emission Measurement

File :SKYPE Phone(12-12-2006) Data :#14 Date: 2006/12/12 Time: 下午 04:36:58



Site site #1 Phase: **L2** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Skype Phone Distance:
 M/N: 手機
 Mode:
 Note: 2480

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2031	38.46	9.74	48.20	63.48	-15.28	peak	
2		0.4027	35.69	9.78	45.47	57.80	-12.33	peak	
3	*	0.4699	35.46	9.78	45.24	56.52	-11.28	peak	
4		0.6710	27.63	9.79	37.42	56.00	-18.58	peak	
5		4.9010	25.57	10.06	35.63	56.00	-20.37	peak	
6		11.2500	36.74	10.11	46.85	60.00	-13.15	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :SKYPE Phone(12-12-2006)\Data :#14

Page: 1

Engineer Signature:



3. Radiated Emissions Requirements

3.1 Final radiation measurements were made on a three-meter:

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 meters height, top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to transmit continuously & Measurements spectrum range from 30 MHz to 26.5 GHz is investigated.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements.

A nonconductive material surrounded the EUT to supporting the EUT for standing on three orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.

SCHWARZBECK MESS-ELEKTRONIK Biconilog Antenna (model VULB9163) at 3 Meter and the SCHWARZBECK Double Ridged Guide Antenna (model BBHA9120D&9170) was used in frequencies 1 – 26.5 GHz at a distance of 1 meter. All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20dB/decade).



For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post – detector video filters were used in the test.

The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.

The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in micro volts pre meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro volts per meter (dBuV/m).

The actual field intensity in referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

$$(1) \text{ Amplitude (dBuV/m)} = \text{FI(dBuV)} + \text{AF(dBuV)} + \text{CL(dBuV)} - \text{Gain(dB)}$$

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

$$(2) \text{ Actual Amplitude (dBuV/m)} = \text{Amplitude (dBuV)} - \text{Dis(dB)}$$

The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:

(a) For fundamental frequency :

Transmitter Output < +30dBm

(b) For spurious frequency :

Spurious emission limits = fundamental emission limit /10



3.2 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4408B	MY45107753	Apr. 27, 2006	Apr. 26, 2007
Pre Amplifier	Agilent	8449B	3008A02237	May. 03, 2006	May. 02, 2007
Pre Amplifier	Agilent	8447D	2944A10961	Aug. 07, 2006	Aug. 07, 2007
Test Receiver	R&S	ESCI	100367	May. 03, 2006	May. 02, 2007
Biconilog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	Jun. 26, 2006	Jun. 25, 2007
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jun. 26, 2006	Jun. 25, 2007
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	May. 02, 2006	May. 01, 2007
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120E	0899	Jul. 29, 2006	Jul. 29, 2007

3.3 Test Configuration:

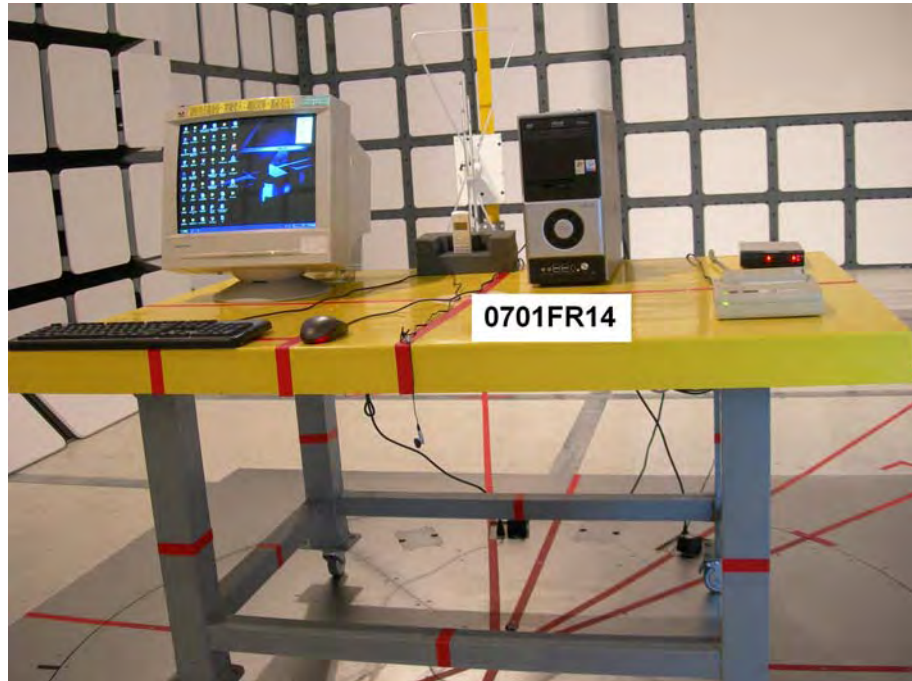


Figure 5. Front View of the Test Configuration

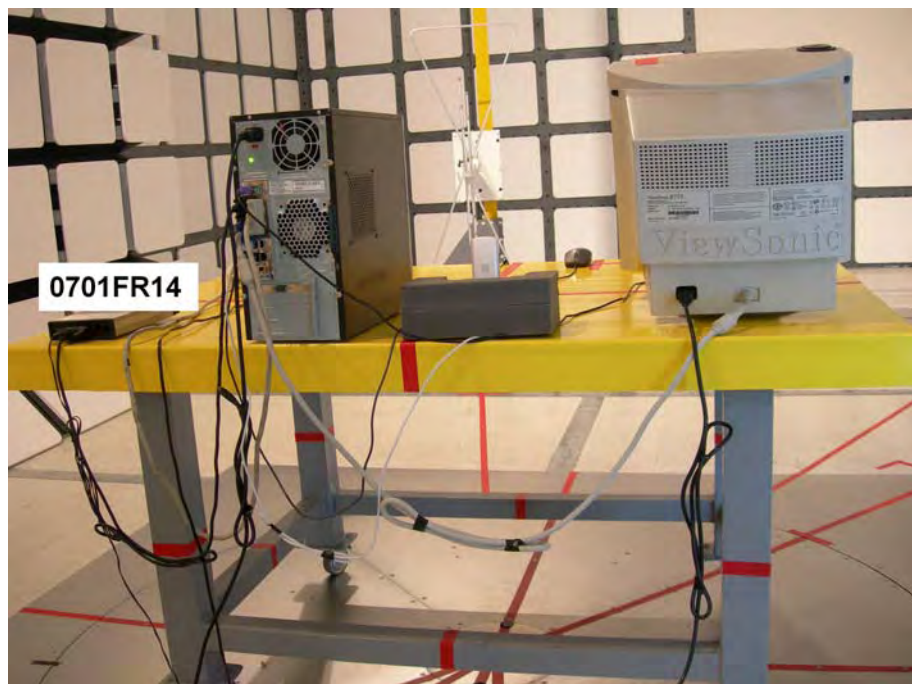


Figure 6. Rear View of the Test Configuration



3.4 Test condition:

EUT tested in accordance with the specifications given by the manufacturer, and exercised in the most unfavorable manner.

3.5 Radiated Emissions Limits:

Frequency range (MHz)	Peak(dBuV)
30 to 88	40
88 to 216	43.5
216 to 960	46
Above 960	54



3.6 Measurement Data of Radiated Emissions:

3.6.1 Open Field Radiated Emissions (Subpart B)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following

Applicant : AIRUS TECHNOLOGY CO., LTD
Model No : VAH200
EUT : BLUETOOTH SKYPE PHONE
Test Mode : Charge Mode
Test Date : 12/12/2006

Please refer to next pager of detail testing data.

Notes:

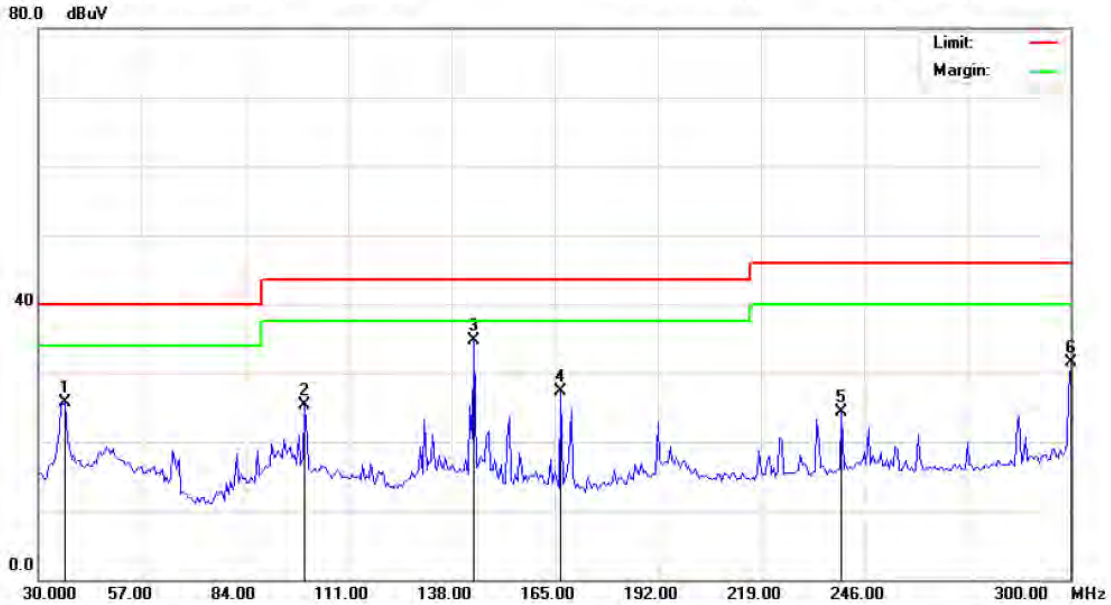
1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
(Auto calculate in spectrum analyzer)



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Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#13 Date: 2006/12/12 Time: 下午 08:27:01



Site 966半電波暗室 Polarization: **Vertical** Temperature: 22 °C
 Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: standby
 Note: # 2 ;

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		37.0200	38.27	-12.66	25.61	40.00	-14.39	peak	
2		99.6600	37.10	-11.78	25.32	43.50	-18.18	peak	
3	*	143.9400	50.99	-16.22	34.77	43.50	-8.73	peak	
4		166.6200	42.73	-15.34	27.39	43.50	-16.11	peak	
5		240.0600	35.75	-11.43	24.32	46.00	-21.68	peak	
6		300.0000	41.55	-9.98	31.57	46.00	-14.43	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :SKYPE phone(12-11-2006)EData :#13

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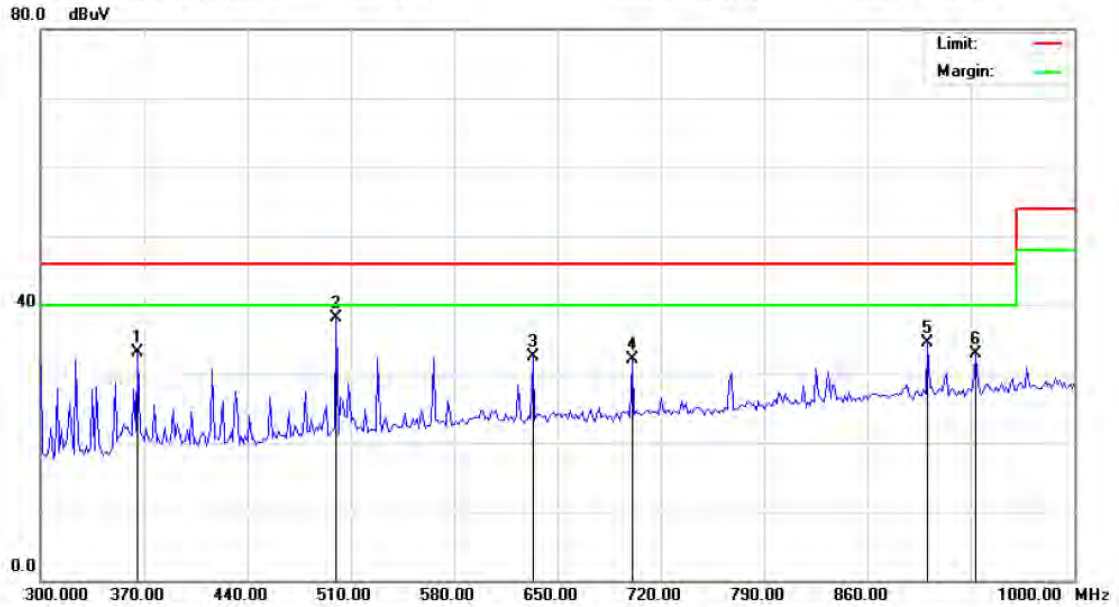
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Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#14 Date: 2006/12/12 Time: 下午 08:31:17



Site 966半電波暗室 Polarization: **Vertical** Temperature: 22 ℃
 Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: standby
 Note: # 2 ;

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		365.8000	41.64	-8.63	33.01	46.00	-12.99	peak	
2	*	500.2000	45.35	-7.16	38.19	46.00	-7.81	peak	
3		633.2000	36.90	-4.36	32.54	46.00	-13.46	peak	
4		700.4000	35.97	-3.87	32.10	46.00	-13.90	peak	
5		900.6000	34.95	-0.36	34.59	46.00	-11.41	peak	
6		932.8000	33.09	-0.17	32.92	46.00	-13.08	peak	

*:Maximum data x:Over limit !:over margin

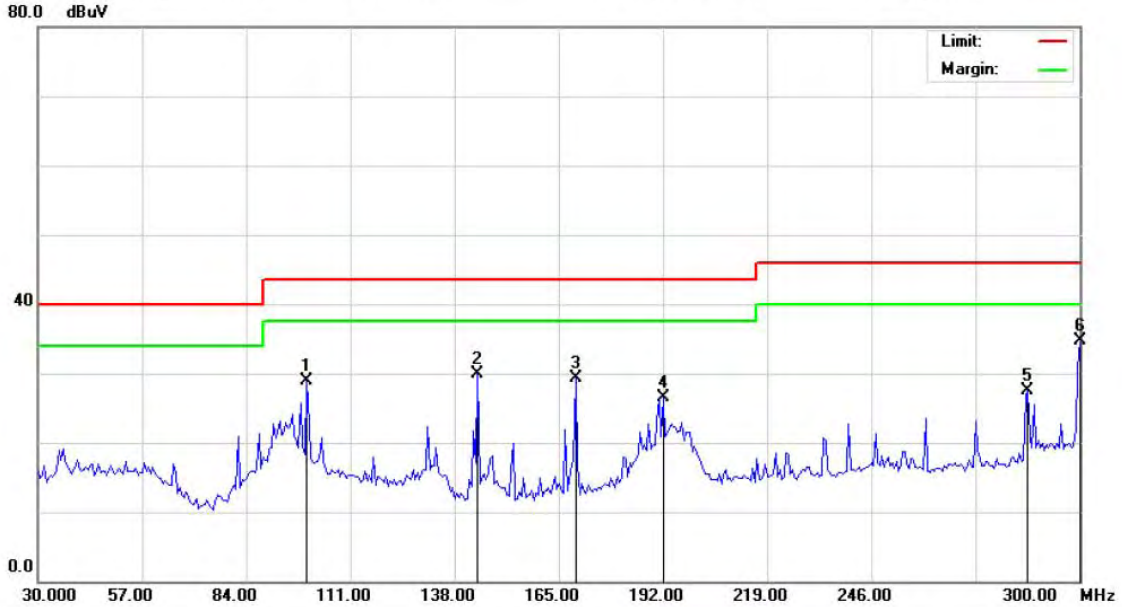
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Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#15 Date: 2006/12/12 Time: 下午 08:35:32



Site 966半電波暗室 Polarization: **Horizontal** Temperature: 22 °C
 Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: standby
 Note: # 2 ;

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		99.6600	40.65	-11.78	28.87	43.50	-14.63	peak	
2		143.9400	46.22	-16.22	30.00	43.50	-13.50	peak	
3		169.3200	44.66	-15.40	29.26	43.50	-14.24	peak	
4		192.0000	39.84	-13.26	26.58	43.50	-16.92	peak	
5		286.5000	37.66	-10.22	27.44	46.00	-18.56	peak	
6	*	300.0000	44.71	-9.98	34.73	46.00	-11.27	peak	

*:Maximum data x:Over limit !:over margin

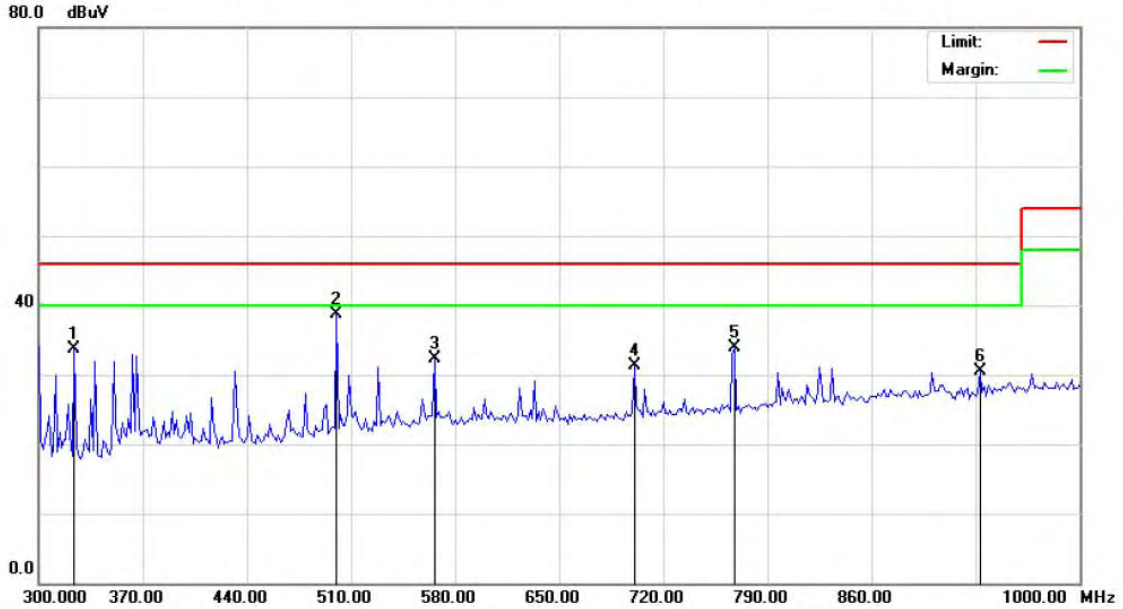
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Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#16 Date: 2006/12/12 Time: 下午 08:42:32



Site 966半電波暗室 Polarization: **Horizontal** Temperature: 22 °C
 Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: standbv
 Note: # 2 ;

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		323.8000	43.27	-9.65	33.62	46.00	-12.38	peak	
2	*	500.2000	45.91	-7.16	38.75	46.00	-7.25	peak	
3		566.0000	37.85	-5.63	32.22	46.00	-13.78	peak	
4		700.4000	35.26	-3.87	31.39	46.00	-14.61	peak	
5		767.6000	36.61	-2.72	33.89	46.00	-12.11	peak	
6		932.8000	30.73	-0.17	30.56	46.00	-15.44	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only



3.6.2 Open Field Radiated Emissions (Subpart B&C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : AIRUS TECHNOLOGY CO., LTD
Model No : VAH200
EUT : BLUETOOTH SKYPE PHONE
Test Mode : CH00 2402.000 (Local Frequency:2402.000 MHz)
Test Date : 12/09-12/2006

Please refer to next pager of detail testing data.

Notes:

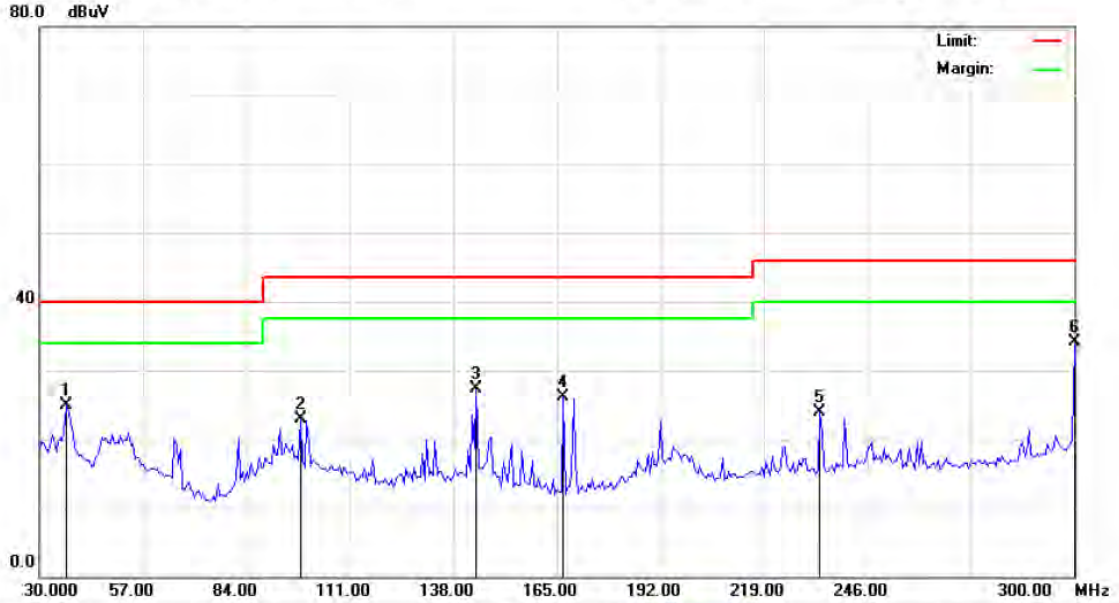
1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz) ,1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
(Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting .
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambient noise.
8. All frequencies from 30MHz to 26.5GHz have been tested



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Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#1 Date: 2006-12-11 Time: 上午 10:10:42



Site 966半電波暗室 Polarization: **Vertical** Temperature: 22 °C
 Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: # 2 :

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		37.0200	37.49	-12.66	24.83	40.00	-15.17	peak	
2		98.0400	34.77	-11.87	22.90	43.50	-20.60	peak	
3		143.9399	43.62	-16.22	27.40	43.50	-16.10	peak	
4		166.6200	41.39	-15.34	26.05	43.50	-17.45	peak	
5		233.5800	35.61	-11.77	23.84	46.00	-22.16	peak	
6	*	300.0000	44.06	-9.98	34.08	46.00	-11.92	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#1

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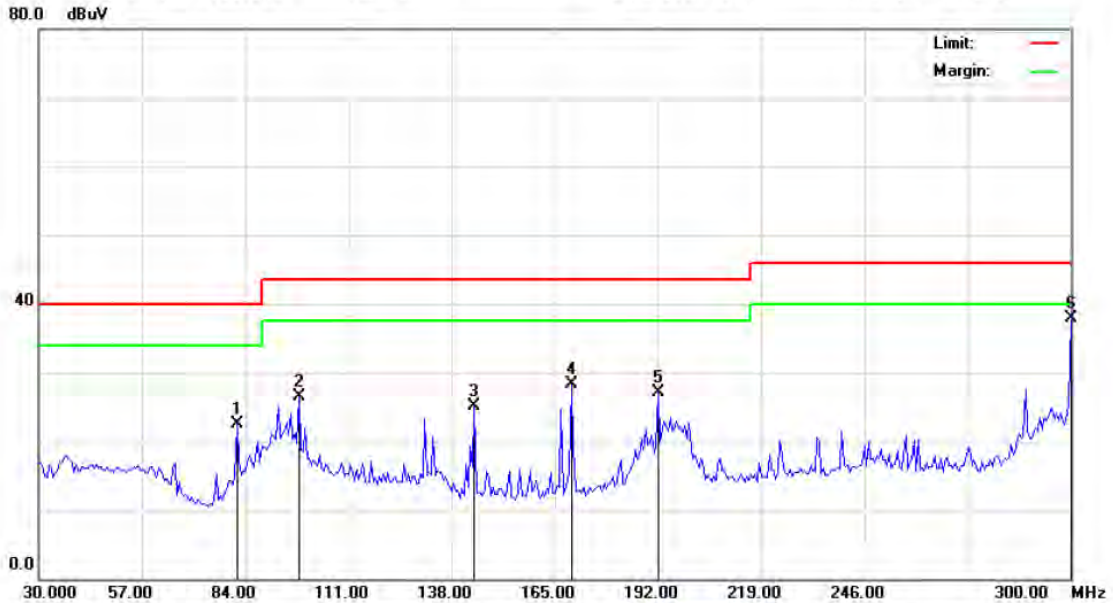
Engineer Signature:



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Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#3 Date: 2006-12-11 Time: 上午 10:19:13



Site 966半電波暗室 Polarization: **Horizontal** Temperature: 22 °C
 Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: # 2 ; 1

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		81.8400	38.45	-15.88	22.57	40.00	-17.43	peak	
2		98.0400	38.43	-11.87	26.56	43.50	-16.94	peak	
3		143.9399	41.28	-16.22	25.06	43.50	-18.44	peak	
4		169.3199	43.72	-15.40	28.32	43.50	-15.18	peak	
5		192.0000	40.45	-13.26	27.19	43.50	-16.31	peak	
6	*	300.0000	47.81	-9.98	37.83	46.00	-8.17	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#3

Page: 1

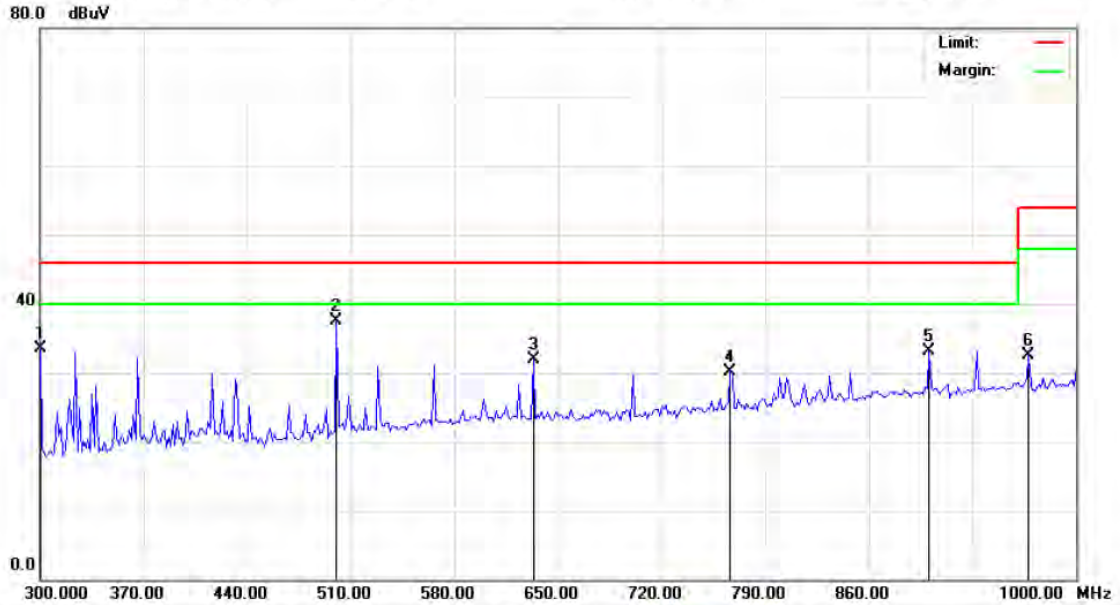
Engineer Signature:



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Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#2 Date: 2006-12-11 Time: 上午 10:14:57



Site 966半電波暗室 Polarization: **Vertical** Temperature: 22 C
 Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: # 2

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		300.0000	43.56	-9.98	33.58	46.00	-12.42	peak	
2	*	500.1999	44.72	-7.16	37.56	46.00	-8.44	peak	
3		633.2000	36.29	-4.36	31.93	46.00	-14.07	peak	
4		766.2000	32.80	-2.78	30.02	46.00	-15.98	peak	
5		900.6000	33.40	-0.36	33.04	46.00	-12.96	peak	
6		967.7999	31.86	0.71	32.57	54.00	-21.43	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#2

Page: 1

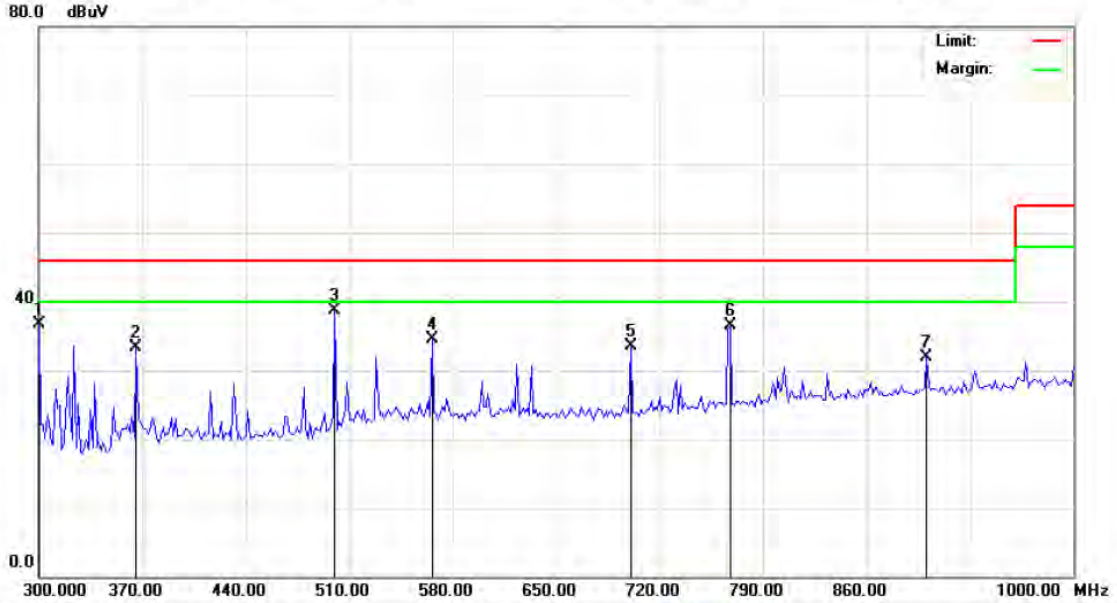
Engineer Signature:



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Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#4 Date: 2006-12-11 Time: 上午 10:23:29



Site 966半電波暗室 Polarization: **Horizontal** Temperature: 22 °C
 Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: # 2 ; 1

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		300.0000	46.70	-9.98	36.72	46.00	-9.28	peak	
2		365.8000	41.88	-8.63	33.25	46.00	-12.75	peak	
3	*	500.2000	45.87	-7.16	38.71	46.00	-7.29	peak	
4		566.0000	40.10	-5.63	34.47	46.00	-11.53	peak	
5		700.4000	37.30	-3.87	33.43	46.00	-12.57	peak	
6		767.6000	39.25	-2.72	36.53	46.00	-9.47	peak	
7		900.6000	32.20	-0.36	31.84	46.00	-14.16	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#4

Page: 1

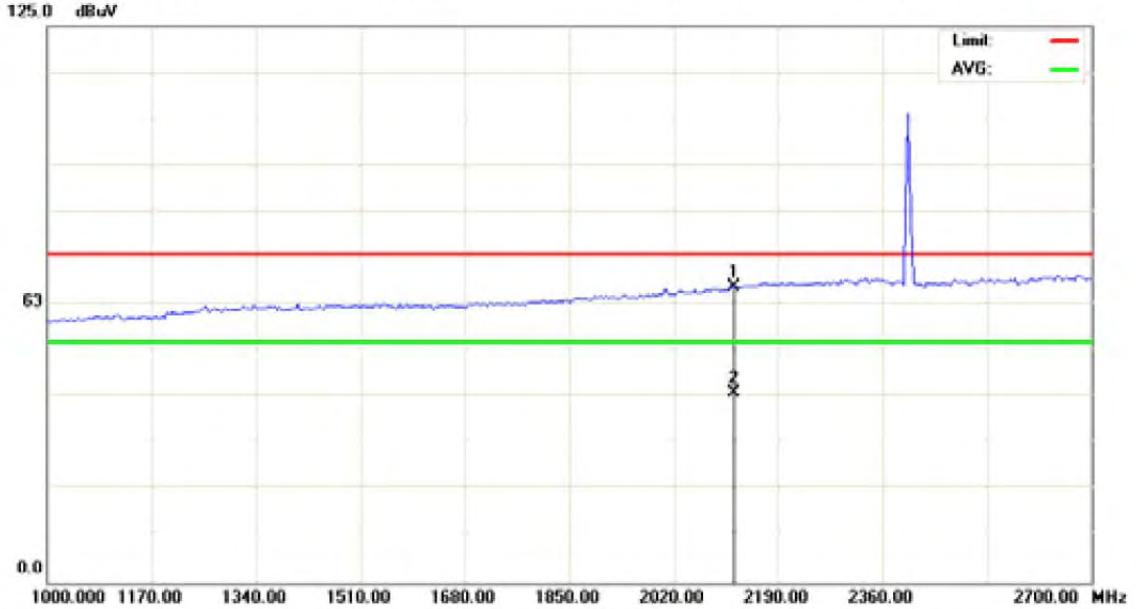
Engineer Signature:



A Test Lab Techno Corp.
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 NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan,

Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#30 Date: 2006-12-12 Time: 上午 09:24:06



Site site #1 Polarization: **Vertical** Temperature: 22 °C
 Limit: FCC part 15 (PK) Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: # 2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	2117.750	66.83	-0.38	66.45	74.00	-7.55	peak	
2		2117.750	43.10	-0.38	42.72	54.00	-11.28	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :skype(12-09-2006)rfData :#30

Page: 1

Engineer Signature:



Radiated Emission Measurement

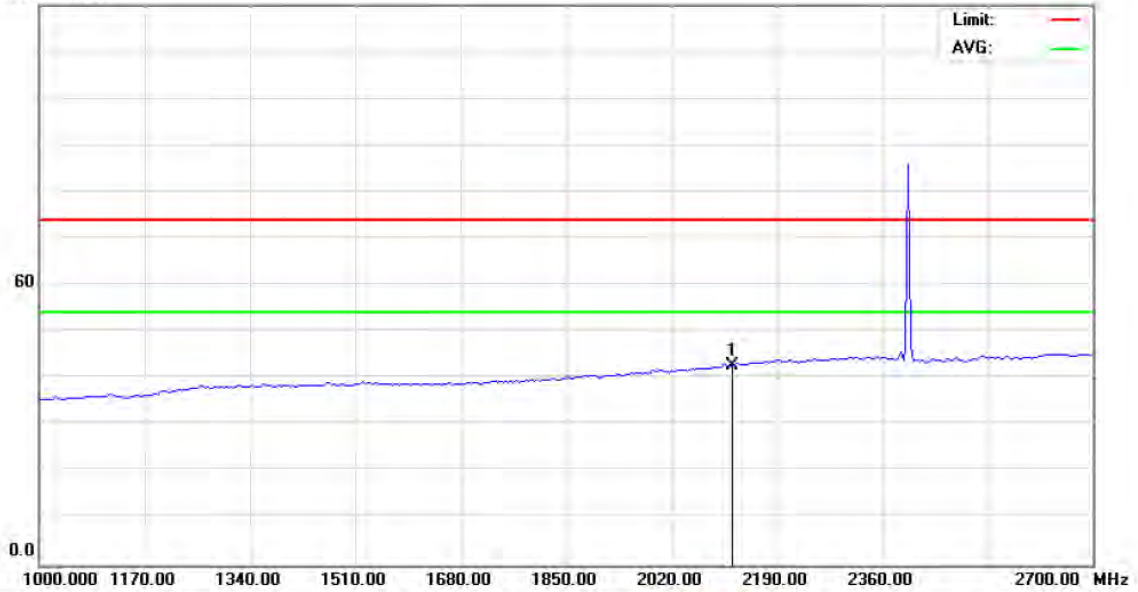
File :skype(12-09-2006)rf(REPO

Data :#23

Date:2006-12-12

Time:上午 09:25:01

120.0 dBuV



Site opensite #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: skype phone

Distance: 3m

M/N:

Mode: 動態單頻2402

Note: Average mode(RBW:1MHz , VBW:10Hz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	2117.750	43.10	-0.38	42.72	54.00	-11.28	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :skype(12-09-2006)rf(REPO\Data :#23

Page: 1

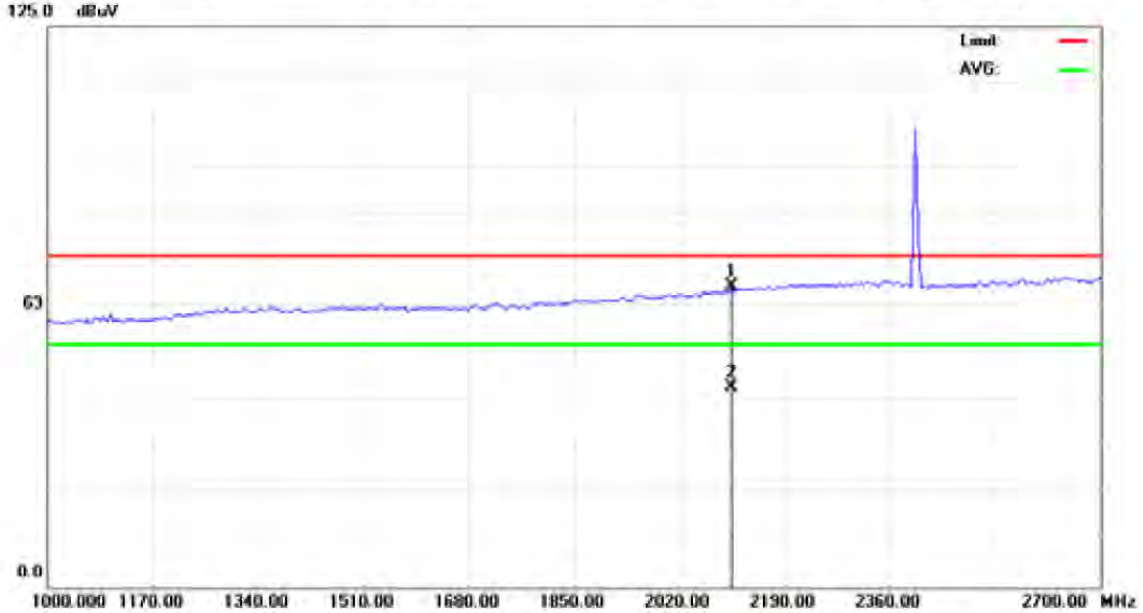
Engineer Signature:



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Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#32 Date: 2006-12-12 Time: 上午 09:28:55



Site site #1 Polarization: **Horizontal** Temperature: 22 °C
 Limit: FCC part 15 (PK) Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: # 2 ;

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	2105.000	67.64	-0.61	67.03	74.00	-6.97	peak	
2		2105.000	44.99	-0.61	44.38	54.00	-9.62	AVG	

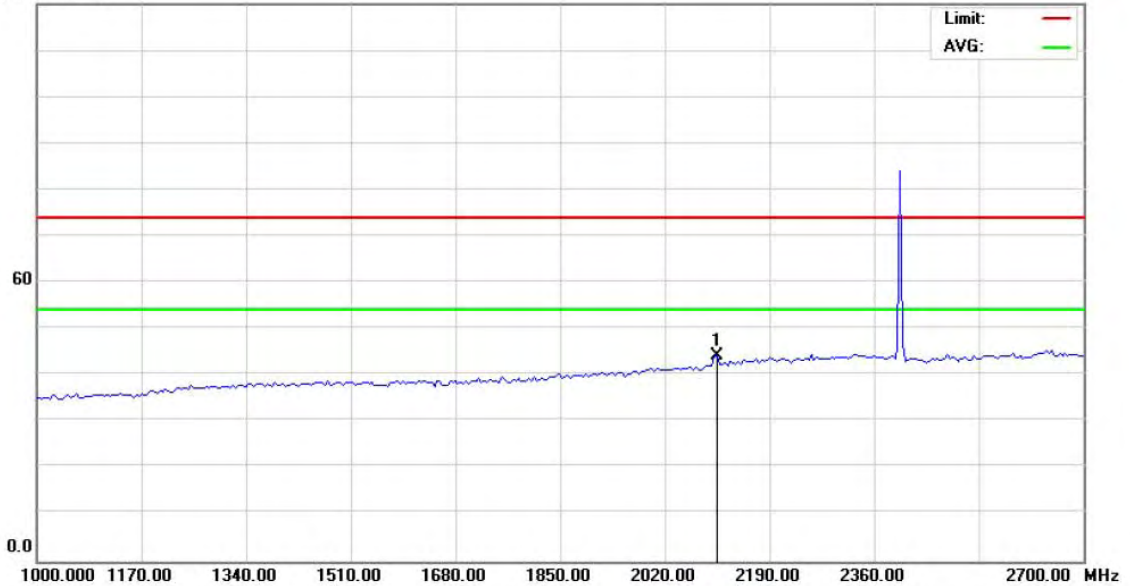
*:Maximum data x:Over limit !:over margin

●Reference Only



Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO) Data :#24 Date: 2006-12-12 Time: 上午 09:29:49
 120.0 dBuV



Site opensite #1 Polarization: **Horizontal** Temperature: 22 °C
 Limit: FCC part 15 (PK) Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: Average mode(RBW:1MHz , VBW:10Hz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	2105.000	44.99	-0.61	44.38	54.00	-9.62	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :skype(12-09-2006)rf(REPO)\Data :#24

Page: 1

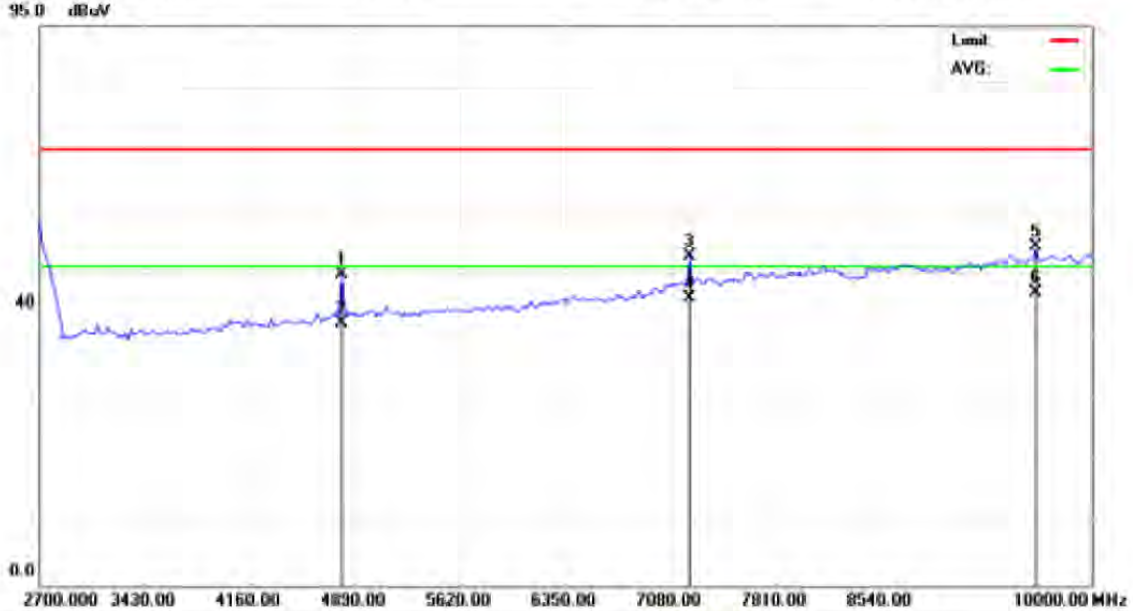
Engineer Signature:



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Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#13 Date: 2006/12/09 Time: 下午 05:39:53



Site site #1 Polarization: **Vertical** Temperature: 22 °C
 Limit: FCC part 15 (PK) Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: #2:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		4798.750	45.47	7.28	52.75	74.00	-21.25	peak	
2		4798.750	37.21	7.28	44.49	54.00	-9.51	AVG	
3		7207.750	42.41	13.54	55.95	74.00	-18.05	peak	
4		7207.750	35.16	13.54	48.70	54.00	-5.30	AVG	
5		9616.750	40.23	17.25	57.48	74.00	-16.52	peak	
6	*	9616.750	32.39	17.25	49.64	54.00	-4.36	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only



Radiated Emission Measurement

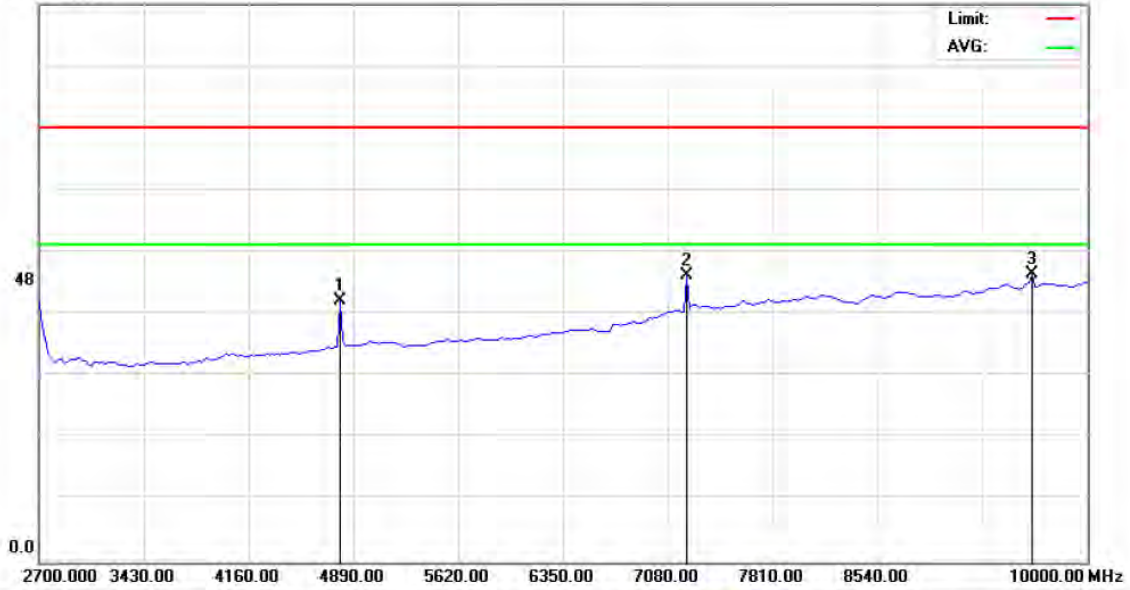
File :skype(12-09-2006)rf(REPO

Data :#18

Date: 2006/12/09

Time: 下午 05:40:48

95.0 dBuV



Site opensite #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: skype phone

Distance: 3m

M/N:

Mode: 動態單頻2402

Note: Average mode(RBW:1MHz , VBW:10Hz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		4798.750	37.21	7.28	44.49	54.00	-9.51	AVG	
2		7207.750	35.16	13.54	48.70	54.00	-5.30	AVG	
3	*	9616.750	32.29	17.25	49.64	54.00	-4.36	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :skype(12-09-2006)rf(REPO\Data :#18

Page: 1

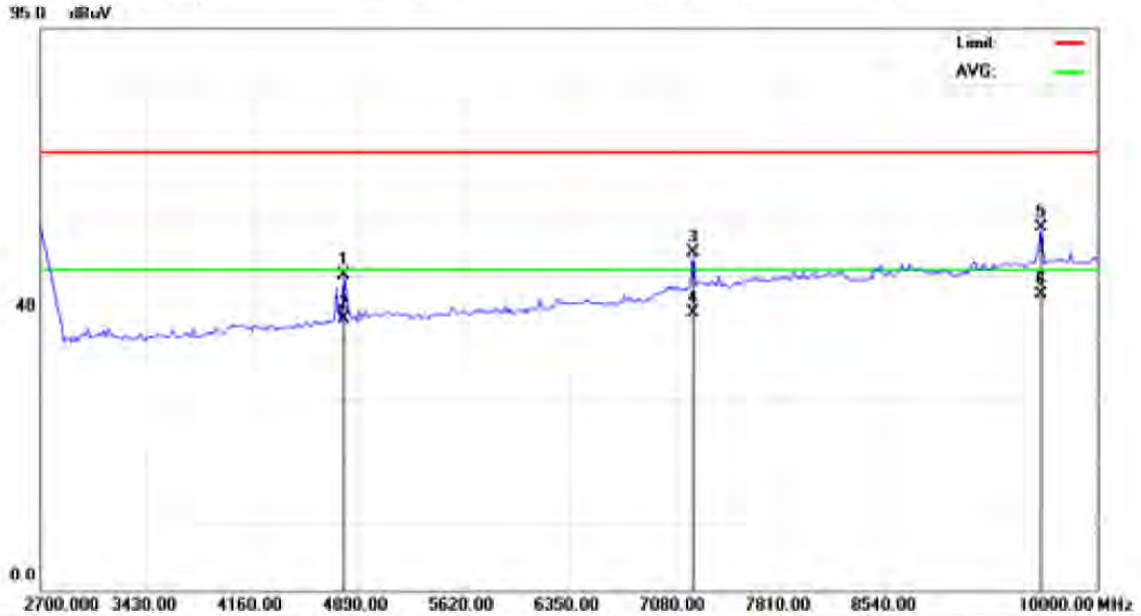
Engineer Signature:



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Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#11 Date: 2006/12/09 Time: 下午 05:32:13



Site site #1 Polarization: **Horizontal** Temperature: 22 °C
 Limit: FCC part 15 (PK) Power: Humidity: 60 %
 EUT: skype phone Distance: 3m
 M/N:
 Mode: 動態單頻2402
 Note: #2;

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		4798.750	46.10	7.28	53.38	74.00	-20.62	peak	
2		4798.750	38.63	7.28	45.91	54.00	-8.09	AVG	
3		7207.750	43.47	13.54	57.01	74.00	-16.99	peak	
4		7207.750	33.48	13.54	47.02	54.00	-6.98	AVG	
5		9616.750	44.04	17.25	61.29	74.00	-12.71	peak	
6	*	9616.750	32.71	17.25	49.96	54.00	-4.04	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only



Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO

Data :#17

Date: 2006/12/09

Time: 下午 05:33:07

95.0 dBuV



Site opensite #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: skype phone

Distance: 3m

M/N:

Mode: 動態單頻2402

Note: Average mode(RBW:1MHz , VBW:10Hz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		4798.750	38.63	7.28	45.91	54.00	-8.09	AVG	
2		7207.750	33.48	13.54	47.02	54.00	-6.98	AVG	
3	*	9616.750	32.71	17.25	49.96	54.00	-4.04	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :skype(12-09-2006)rf(REPO\Data :#17

Page: 1

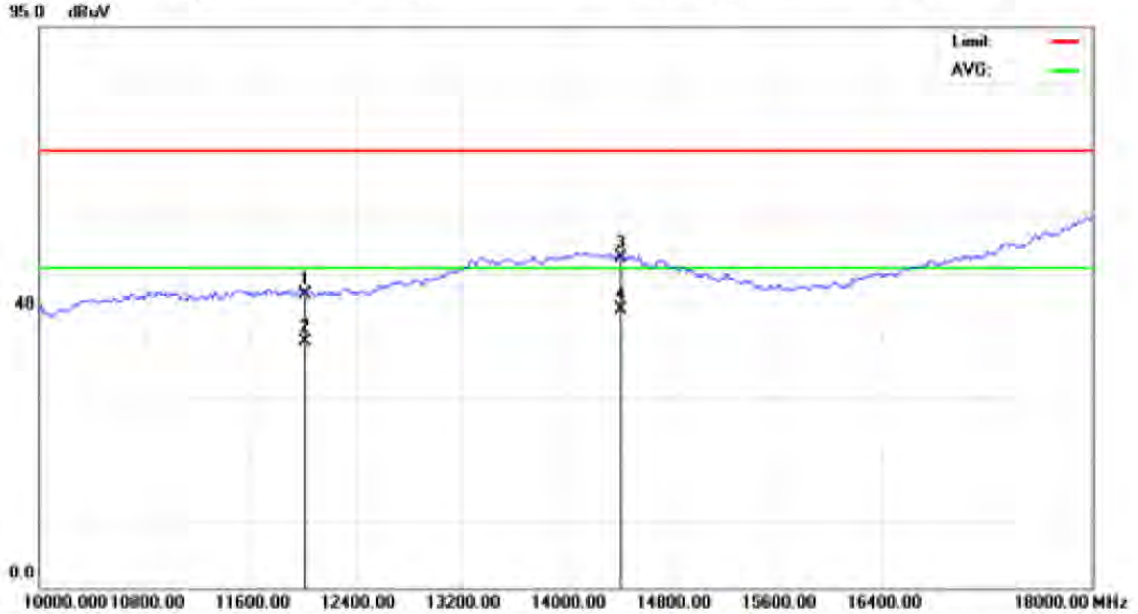
Engineer Signature:



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Radiated Emission Measurement

File :skype(12-09-2006)rf Data #60 Date: 2006-12-12 Time: 上午 11:16:35



Site site #1 Polarization: **Vertical** Temperature: 22 °C
 Limit: FCC part 15 (PK) Power: Humidity: 60 %
 EUT: skype phone Distance: 1m
 M/N:
 Mode: 動態單頻2402
 Note: # 2 :

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		12010.00	37.02	12.83	49.85	74.00	-24.15	peak	
2		12010.00	28.92	12.83	41.75	54.00	-12.25	AVG	
3		14412.00	38.02	17.96	55.98	74.00	-18.02	peak	
4	*	14412.00	29.30	17.96	47.26	54.00	-6.74	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only



Radiated Emission Measurement

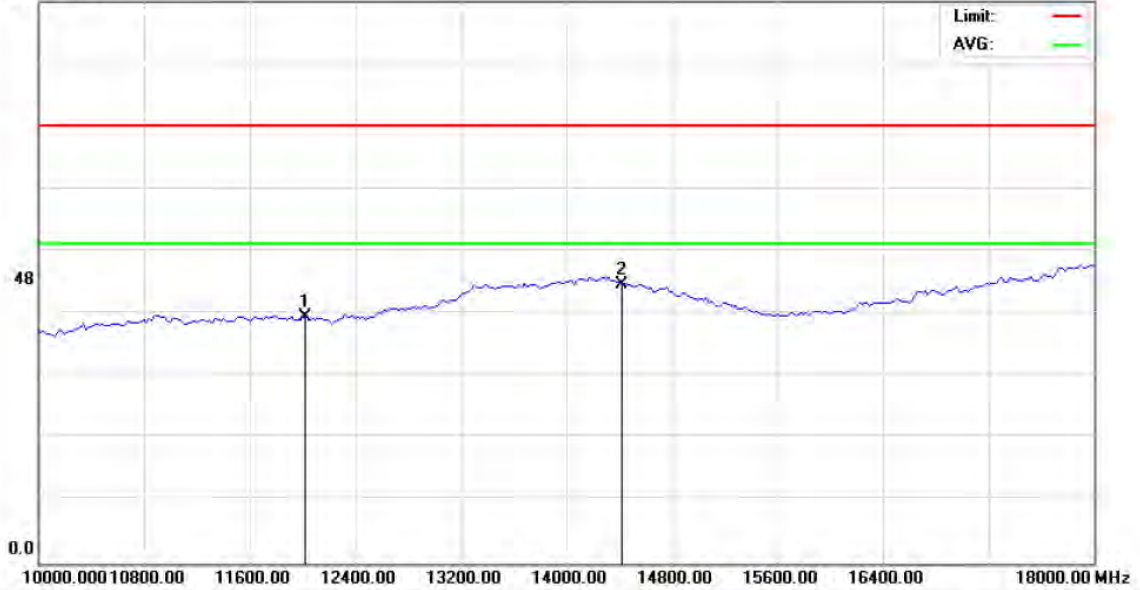
File :skype(12-09-2006)rf(REPO

Data :#38

Date: 2006-12-12

Time: 上午 11:17:29

95.0 dBuV



Site opensite #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: skype phone

Distance: 1m

M/N:

Mode: 動態單頻2402

Note: Average mode(RBW:1MHz , VBW:10Hz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		12010.00	19.38	22.37	41.75	54.00	-12.25	AVG	
2	*	14412.00	19.76	27.50	47.26	54.00	-6.74	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only

File :skype(12-09-2006)rf(REPO\Data :#38

Page: 1

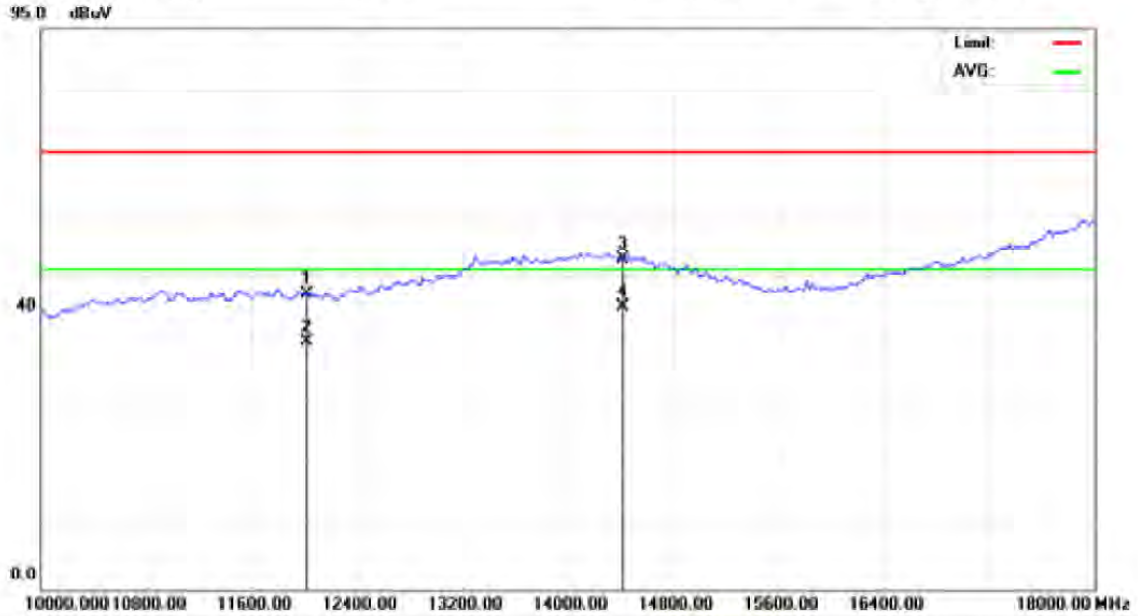
Engineer Signature:



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Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#58 Date: 2006-12-12 Time: 上午 11:12:35



Site site #1 Polarization: **Horizontal** Temperature: 22 °C
 Limit: FCC part 15 (PK) Power: Humidity: 60 %
 EUT: skype phone Distance: 1m
 M/N:
 Mode: 動態單頻2402
 Note: # 2 :

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Over dB	Detector	Comment
1	12010.00	37.18	12.83	50.01	74.00	-23.99	peak	
2	12010.00	29.06	12.83	41.89	54.00	-12.11	AVG	
3	14412.00	37.93	17.96	55.89	74.00	-18.11	peak	
4 *	14412.00	29.84	17.96	47.80	54.00	-6.20	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only